



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

California Department of Pesticide Regulation  
1001 I Street  
P.O. Box 4015  
Sacramento, CA 95812

**Date Issued:** October 22, 2018  
**Expiration Date:** October 22, 2019  
**Report Due:** April 22, 2019  
**File Symbol:** 18CA05

**Attn:** Margaret Reiff

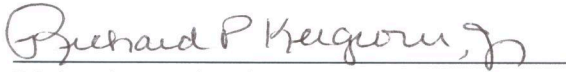
The U.S. Environmental Protection Agency hereby issues a specific exemption under the provisions of Section 18 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended, to the California Department of Pesticide Regulation for the use of sulfoxaflor (CAS Reg. No. 946578-00-3) on strawberry to control Western tarnished plant bugs (lygus bugs) *Lygus spp.* in California. This specific exemption is subject to the conditions set forth in your request dated August 3, 2018, as well as the following conditions, modifications and restrictions:

1. The California Department of Pesticide Regulation (CDPR) is responsible for ensuring that all provisions of this specific exemption are met. CDPR is also responsible for providing information in accordance with 40 CFR 166.32(b). Accordingly, a report summarizing the results of this program must be submitted to EPA Headquarters and the EPA Regional 9 Office within 6 months following the expiration of this exemption or prior to requesting a subsequent specific exemption for this use. In accordance with 40 CFR 166.32(a), these offices shall also be immediately informed of any adverse effects resulting from the use of this pesticide in connection with this exemption.
2. The registered product, Sequoia™ Insecticide (EPA Reg. No. 62719-623, containing 21.8% sulfoxaflor), manufactured by Dow AgroSciences, LLC may be applied. All applicable directions for use, restrictions, and precautions on the EPA-registered product label including Worker Protection Standards must be followed, as well as those outlined on the Section 18 use directions submitted with your request, unless otherwise modified in this authorization document.
3. Foliar applications may be made by ground equipment only at a single rate of 2.75 - 4.50 oz. of product (0.043 - 0.07 lbs. a.i.) per acre. A maximum of 2 applications may be made per year, but no more than 9.0 oz. of product (0.14 lbs. a.i.) may be applied per acre per year.

4. To minimize spray drift and potential exposure to bees when foraging on plants adjacent to treated fields, apply using a nozzle height of no more than 4 feet above the ground or crop canopy. Applications are prohibited when wind speeds are above 10 miles per hour (mph).
5. Retreatments are prohibited within 7 days of application. A pre-harvest interval (PHI) of 1 day and a restricted entry interval (REI) of 24 hours must be observed.
6. Known beekeepers within 1 mile of the treatment area must be notified 48 hours before the product is applied to allow them to take additional steps to protect bees.
7. Do not start applications before 7:00 pm and applications must be completed by 3:00 am local time.
8. A maximum of 28,000 acres of strawberry fields may be treated in the California counties of: Fresno, Madera, Merced, Los Angeles, Monterey, Orange, Sacramento, San Benito, San Diego, San Luis Obispo, Santa Barbara, Santa Clara, Santa Cruz, and Ventura.
9. **Environmental Hazards Statement:** This product is highly toxic to bees exposed through contact during spraying and while spray droplets are still wet. This product may be toxic to bees exposed to treated foliage for up to 3 hours following application. Toxicity is reduced when spray droplets are dry.
10. **Advisory Pollinator Statement:** Growers are advised to refer to and, where feasible, observe the cooperative standards outlined by the County Agricultural Commissioner (CAC) for additional guidance and bee conservation stewardship efforts.
11. This specific exemption expires October 22, 2019.
12. Applications made in accordance with the above provisions are not expected to result in combined residues of sulfoxaflo, including its metabolites and degradates, in or on strawberry in excess of the following existing tolerance at 40 CFR at 180.668(a): Berry, low growing, subgroup 13-7G at 0.70 ppm. The Agency has determined that this level is adequate to protect the public health.
13. This is first year that CDPR has requested a Section 18 emergency exemption for the use of sulfoxaflo on strawberry to control lygus bugs. In the event that an emergency exemption for this use is requested in 2019, the Agency is making a preliminary determination that this use is not eligible for recertification because the pest problem is due to atypical weather conditions. Future requests should include data documenting seasonal lygus bug populations and crop losses with representative data from each of the strawberry growing regions in California.

Any future correspondence regarding this exemption should refer to file symbol 18CA05.

If you have any questions regarding this authorization, please contact Emergency Response Team member Tamica Cain (703-347-8110; [cain.tamica@epa.gov](mailto:cain.tamica@epa.gov)) or the Emergency Response Team Leader, Tawanda Maignan (703-308-8050; [maignan.tawanda@epa.gov](mailto:maignan.tawanda@epa.gov)).



Richard P. Keigwin, Jr., Director  
Office of Pesticide Programs

Date: 10/22/2018

cc: Patti TenBrook, USEPA Region 9- Regional and Tribal Coordinator